Section I:

AMENDMENT UNDER 37 CFR §1.121 to the

CLAIMS

Claim 1 (previously presented):

A method for detecting a free-space gesture signature conducted with a gesturing instrument, said method comprising the steps of:

providing a panel mounted on a controlled system, the panel having a plurality of gesturing sensors in a two-dimensional arrangement, each sensor being adapted to detect a gesturing instrument within a proximity of a sensor, each sensor having an independent detection event signal, wherein said sensors comprise an array of Radio Frequency Identification (RFID) sensors adapted to detect movement of RFID devices;

determining a sensor sequence from a series of sensor detection events responsive to movement of a gesturing instrument within the proximity of said plurality of sensors;

correlating said sensor sequence to a predetermined sequence in order to authenticate a user of said gesturing instrument; and

responsive to authentication of said user, authorizing a physical security action.

Claim 2 (original):

The method as set forth in Claim 1 wherein said step of determining a sensor sequence comprises applying timing analysis to said series of sensor detection events.

Claim 3 (original):

The method as set forth in Claim 1 wherein said step of correlating said sequence to an authorized sequence further comprises authorizing a financial transaction.

Claim 4 (previously presented):

The method as set forth in Claim 1 wherein said step of authorizing a physical security action comprises unlocking a fuel pump.

Claim 5 (previously presented):

The method as set forth in Claim 1 wherein said step of authorizing a physical security action comprises unlocking a door.

Claim 6 (previously presented):

The method as set forth in Claim 1 wherein said step of authorizing a physical security action comprises allowing removal of a physical item from a controlled access area.

Claims 7 - 9 (cancelled).

Claim 10 (previously presented):

A computer readable medium encoded with software for free space gesture signature conducted with a gesturing instrument, said software causing a processor to perform the steps of:

receiving detection event signals from a plurality of gesturing sensors in a two-dimensional arrangement, each sensor being adapted to detect a gesturing instrument within a proximity of a sensor, each sensor having an independent detection event signal output, the sensors being arranged on a panel mounted on a controlled system, wherein said sensors comprise an array of Radio Frequency Identification (RFID) sensors adapted to detect movement of RFID devices;

determining a sensor sequence from a series of sensor detection events responsive to movement of a gesturing instrument within the proximity of said plurality of sensors;

correlating said sensor sequence to a predetermined sequence in order to authenticate a user of said gesturing instrument; and

responsive to authentication of said user, authorizing a physical security action.

Claim 11 (original):

The computer readable medium as set forth in Claim 10 wherein said software for receiving detection event signals from a plurality of gesturing sensors comprises software for applying timing analysis to said series of sensor detection events.

Claim 12 (original):

The computer readable medium as set forth in Claim 10 wherein said software for correlating said sequence to an authorized sequence further comprises software for authorizing a financial transaction.

Claim 13 (previously presented):

The computer readable medium as set forth in Claim 10 wherein said software for authorizing a physical security action comprises software for unlocking a fuel pump.

Claim 14 (previously presented):

The computer readable medium as set forth in Claim 10 wherein said software for authorizing a physical security action comprises software for actuating a door lock.

Claim 15 (previously presented):

The computer readable medium as set forth in Claim 10 wherein said software for authorizing a physical security action comprises software for allowing removal of a physical item from a controlled access area.

Claims 16 - 18 (cancelled).

Claim 19 (previously presented):

A system for detecting a command or identifying value made by a user through a gesture signature conducted with a gesturing instrument, said system comprising:

a panel mounted on a controlled system, the panel having a plurality of gesture sensors organized in a two-dimensional arrangement, each sensor having an independent detection event signal which is activated upon detection of a gesturing device within the proximity of a sensor, wherein said sensors comprise an array of Radio Frequency Identification (RFID) sensors adapted to detect movement of RFID devices;

a gesture recognition processor having a plurality of inputs for said independent detection event signals, and for performing the steps of:

determining a sensor sequence from a series of sensor detection events responsive to movement of a gesturing instrument within the proximity of said plurality of sensors;

correlating said sensor sequence to a predetermined sequence in order to authenticate a user; and

responsive to said authentication of said user, controlling a physical security action.

Claim 20 (original):

The system as set forth in Claim 19 wherein said processor is adapted to apply timing analysis to said series of sensor detection events.

Claim 21 (original):

The system as set forth in Claim 19 wherein said processor is adapted to perform financial transaction authorizations.

Claim 22 (previously presented):

The system as set forth in Claim 19 wherein said control of a physical security action comprises controlling a fuel pump.

Claim 23 (previously presented):

The system as set forth in Claim 19 wherein said processor is adapted to actuate a door lock.

Claim 24 (previously presented):

The system as set forth in Claim 19 wherein said processor is adapted to allow removal of a physical item from a controlled access area.

Claim 25 - 27 (cancelled).